## Amendments to the Claims

This listing of the claims will replace all prior versions and listings of claims in the application.

## Listing of the Claims:

Claims 1-74 (canceled).

75. (currently amended): A polymer comprising the reaction product of a compound selected from the group consisting of:

wherein R<sup>1</sup> is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, sec-butyl, tert-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl, and 4-octyloxyphenyl; and optionally 2,5-dioctyloxy-1,4-diformylbenzene, and

wherein the polymer is a homopolymer comprising repeating monomers consisting of the following structure:

$$\left\{ \begin{array}{c} OC_{\theta}H_{17} \\ OC_{\theta}H_{1$$

Response to Office Action Mailed August 19, 2008 Appl. 10/568,303 Art Unit 1626

76. (currently amended): A polymer as defined in claim 75, comprising monomeric groups of the formula wherein the monomer is:

wherein R<sup>†</sup>-is-selected from the group consisting of methyl, ethyl, propyl, isopropyl, eyclopropyl, butyl, see-butyl, tert butyl, eyclobutyl, pentyl, eyclopentyl, hexyl, eyclohexyl, heptyl, eyclohetyl, ectyl, eyclooetyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

- 77. (original): A polymer as defined in claim 76, wherein R<sup>1</sup> is hexyl or 2-ethylhexyl.
- 78. (original): A polymer as defined in claim 77, wherein R<sup>1</sup> is 2-ethylhexyl.
- 79. (original): A polymer as defined in claim 78 having the formula:

wherein "n" is an integer ranging from 5 to 100.

(currently amended): A polymer as defined in claim 75, eemprising monomeric groups
of the formula wherein the monomer is:

wherein R<sup>1</sup>-is-selected from the group consisting of methyl, ethyl, propyl, isopropyl, eyelopropyl, butyl, see-butyl, tert-butyl, cyclobutyl, pentyl, eyelopentyl, hexyl, eyelohexyl, heptyl, eyeloheptyl, octyl, eyelooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.

- (original): A polymer as defined in claim 80, wherein R<sup>1</sup> is hexyl or 2-ethylhexyl.
- 82. (original): A polymer as defined in claim 81 having the formula:

$$\bigcap_{C_\theta H_{17}}^{OC_\theta H_{17}} \bigcap_{C_\theta H_{17} O}^{OC_\theta H_{17}}$$

wherein "n" is an integer ranging from 5 to 100.

(currently amended): A polymer as defined in claim 75, comprising monomeric groups
of the formula wherein the monomer is:

$$\bigcap_{NC}\bigcap_{R_1}\bigcap_{CN}\bigcap_{C\in H_1}\bigcap_{CC\in H_1}$$

wherein R<sup>+</sup>-is selected from the group consisting of methyl, ethyl, propyl, isopropyl, eyclopropyl, butyl, sec-butyl, tert-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl,

Response to Office Action Mailed August 19, 2008 Appl. 10/568,303 Art Unit 1626

eyelohexyl, heptyl, cycloheptyl, oetyl, cyclooetyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-oetyloxyphenyl.

- 84. (original): A polymer as defined in claim 83, wherein R<sup>1</sup> is hexyl or 2-ethylhexyl.
- 85. (original): A polymer as defined in claim 84 having the formula:

$$(\bigcap_{NC}\bigcap_{C_{B}H_{17}}^{C_{B}H_{17}O}\bigcap_{OC_{B}H_{17}}^{C_{B}H_{17}O}\bigcap_{OC_{B}H_{17}}^{C_{B}H_{17}O}\bigcap_{OC_{B}H_{17}}^{C_{B}H_{17}O}\bigcap_{OC_{B}H_{17}O}^{C_{B}H_$$

wherein "n" is an integer ranging from 5 to 100.

## Claims 86-97 (canceled).

- (withdrawn): A 2,7-carbazolenevinylene-based material having charge transport properties comprising the polymer of 75.
- (withdrawn): A film or coating having charge transport properties for use in an electronic device, comprising the polymer of 75.
- 100. (withdrawn): The film or coating of claim 99, wherein the electronic device is configured as a light-emitting diode.
- 101. (withdrawn): The film or coating of claim 99, wherein the electronic device is configured as a field-effect transistor.
- 102. (withdrawn): The film or coating of claim 99, wherein the electronic device is configured as a solar cell.

103. (new): A polymer as defined in claim 75, wherein the monomer is:

wherein "n" is an integer ranging from 5 to 100.

104. (new): A polymer as defined in claim 75, wherein the monomer is:

$$\left\{ \begin{array}{c} C_{\vartheta}H_{17}O \\ \\ \vdots \\ C_{\vartheta}H_{17}O \end{array} \right\}_{n}$$

wherein "n" is an integer ranging from 5 to 100.

105. (new): A polymer as defined in claim 75, wherein the monomer is:

$$\bigcap_{NC}\bigcap_{n}\bigcap_{QN$$

wherein "n" is an integer ranging from 5 to 100.